

CLAIMS

1/ A method of synchronizing data between a computer and a portable appliance interconnected by a serial link, the method comprising the steps of:

- 5 - the computer using an AT protocol to send a command over the serial link to cause protocol to be changed by specifying a proprietary protocol to be used for synchronization purposes;
- 10 - the portable appliance sending a response to the computer indicating that it has changed to the specified proprietary synchronization protocol; and
- the data in the portable appliance and the computer is synchronized using the specified proprietary synchronization protocol.

15 2/ The synchronization method of claim 1, wherein, after the synchronization step, the method further comprises a step of:

- 20 - the portable appliance sending an AT command to the computer indicating that it has changed to AT protocol.

25 3/ The synchronization method of claim 1, wherein the proprietary synchronization protocol is a packet transmission protocol.

30 4/ The synchronization method of claim 2, wherein the proprietary synchronization protocol is a packet transmission protocol.

5/ The synchronization method of claim 1, wherein the protocol changeover command is an AT+CPROT command.

35 6/ The synchronization method of claim 2, wherein the protocol changeover command is an AT+CPROT command.

7/ The synchronization method of claim 3, wherein the protocol changeover command is an AT+CPROT command.

5 8/ The synchronization method of claim 4, wherein the protocol changeover command is an AT+CPROT command.

9/ The synchronization method according to any preceding claim, wherein, prior to the step of the computer sending a change-of-protocol command, the method comprises the steps of:

- the computer sending an AT command interrogating the portable appliance about the proprietary protocols accepted by the portable appliance; and
- 15 - the portable appliance sending a response to the computer specifying the accepted proprietary protocols.

10/ A synchronization method according to any preceding claim, wherein the portable appliance is a mobile telephone terminal.

11/ A synchronization method according to any one of claims 1 to 10, wherein the portable appliance is an organizer.

12/ A portable appliance presenting:

- a serial port;
- an AT interpreter interpreting commands received over the serial link until a change-of-protocol command is received; and
- 30 - a proprietary synchronization protocol interpreter interpreting commands received over the serial port after a change-of-protocol command.

13/ A portable appliance according to claim 12, wherein the proprietary synchronization protocol is a packet transmission protocol.

14/ A portable appliance according to claim 12, wherein the change-of-protocol command is an AT+CPROT command.

5 15/ A portable appliance according to claim 13, wherein the change-of-protocol command is an AT+CPROT command.

16/ A portable appliance according to claim 12, wherein the appliance is a mobile telephone terminal.

10 17/ A portable appliance according to claim 13, wherein the appliance is a mobile telephone terminal.

15 18/ A portable appliance according to claim 14, wherein the appliance is a mobile telephone terminal.

19/ A portable appliance according to claim 15, wherein the appliance is a mobile telephone terminal.

20 20/ A portable appliance according to claim 12, wherein the appliance is an organizer.

21/ A portable appliance according to claim 13, wherein the appliance is an organizer.

25 22/ A portable appliance according to claim 14, wherein the appliance is an organizer.

23/ A portable appliance according to claim 15, wherein the appliance is an organizer.